

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: NINOMIYA, et al  
Serial No.: Not yet assigned  
Filed: August 22, 2001  
For: STORAGE SYSTEM  
Group: 2812  
Examiner: S. Whitmore



INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §1.97 & 1.98

Assistant Commissioner  
for Patents  
Washington, D.C. 20231

August 22, 2001

Sir:

In the matter of the above-identified application, this Information Disclosure Statement is being submitted with the following citation as specified in 37 CFR §1.97(d).

"A copy of any patent, publication or other information listed in an Information Disclosure Statement is not required to be provided if it was previously cited by or submitted to the Office in a prior application, provided that the prior application is properly identified in the statement and relied upon for an earlier filing date under 35 U.S.C. §120."

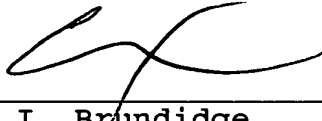
Applicants are submitting herewith a copy of Form PTO-1449 which list documents cited in parent applications Serial No. 09/440,285, filed November 15, 1999, which is a continuation of application Serial No. 09/013,039, filed January 26, 1998, now U.S. Patent No. 6,012,119; which is a continuation of Serial No. 08/819,625, filed March 17, 1997,

now U.S. Patent No. 5,819,054; which is a continuation of Serial No. 08/267,013, filed June 21, 1994, now abandoned and copies of references recently uncovered by Applicants.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus Deposit Account No. 01-2135 (500.33021CX5) please credit any excess fees to such deposit account.

Respectfully submitted,



CIB/jdc  
(703) 312-6600

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FORM PTO-1449 U.S. Department of  
Commerce (Rev. 4/92)  
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ATTY. DOCKET NO.

SERIAL NO.

500.33021CX5

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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

APPLICANT

NINOMIYA, et al

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2812

11050 U.S. PTO  
09/933805  
08/22/01

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4 6 3 6 9 4 6					
	5 1 4 8 4 3 2	9/92	Gordon et al	395	182.05	
	5 3 8 8 2 1 5	2/95	Baker et al	395	200.01	5/89
	5 0 3 7 3 1 0	8/91	Marinello	439	61	
	5 0 8 9 9 5 8	2/92	Horton et al	395	182.03	
	5 1 5 5 8 3 5	10/92	Belsan	395	441	
	5 2 4 7 6 1 8	9/93	Davis et al	395	841	
	5 2 0 6 9 3 9	4/93	Yanai et al			
	5 3 3 5 3 5 2	8/94	Yanai et al	395	800	9/90
	5 3 4 5 5 6 6	9/94	Tanji et al	395	325	
	5 2 2 4 2 1 3	6/93	Dieffenderfer	395	250	
	4 1 5 8 2 3 5	6/79	Call et al	395	250	
	4 4 1 7 3 3 4	11/83	Gunderson et al	370	85	
	5 1 2 3 0 9 9	6/92	Shibata et al	395	447	
	5 2 3 7 5 6 7	8/93	Nay et al	370	85.1	
	5 4 9 5 5 8 5	2/96	Datwyler et al	395	280	10/92
	5 0 9 3 8 2 6	3/92	Leichum			
	5 6 3 0 0 5 6	5/97	Horvath et al	395	308	9/94
	4 3 0 0 1 9 4	11/81	Bradley	710	128	

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT
					YES NO
0 4 4 5 4 7 9	9/91	European			XX
5 2 0 6 9 3 9	12/90	Govesmel et al			
6 1 4 3 7 4 2	9/86	Japan			XX

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	5 7 0 8 7 8 4	1/98	Yanai	710	119	
	6 0 1 2 1 1 9	1/00	Saby	702	32	1/98
	5 4 5 9 8 5 6	10/95	Inoue	711	113	12/92
	5 4 3 0 8 5 5	7/95	Walsh et al	710	10	8/94
	5 6 2 5 7 7 7	4/97	Takahashi et al	710	103	2/95
	4 4 5 3 2 1 5					
	4 4 8 6 8 2 6					
	4 4 9 0 7 8 5					
	5 4 7 1 5 8 6					
	4 6 9 5 9 5 2					
	5 2 8 3 8 7 9					

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT
					YES NO
5 5 3 9 3 6		Japan			
5 1 3 4 9 4 5		Japan			

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

Adams et al, "Database Computer based on a multi-Microprocessor System", December 1986, NTIS.
"Using Dual and Mappable Spare Bus", IBM Technical Disclosure Bulletin, Feb. 1994, pp. 59-64.

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	4 7 8 5 4 5 3					
	4 7 5 4 3 9 7					

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						YES	NO
	3 2 4 5 2 4 6		Japan				
	4 1 5 5 4 6 6		Japan				
	4 1 5 7 5 4 9		Japan				
	2 2 3 4 2 5 4		Japan				
	3 3 1 9 1 9		Japan				
	4 2 8 4 5 2 3		Japan				
	4 2 6 4 9 1 0		Japan				
	4 9 6 8 1 8		Japan				
	3 1 9 2 4 2 5		Japan				
	4 6 0 8 4 6		Japan				

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**


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